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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Thomas R. Omstead; Karl B. Levy
Assignee: Novellus Systems, Inc.
Title: Atomic Layer Deposition Systems And Methods
Serial No.: 10/028,610 Filing Date: December 19, 2001
Examiner: Matthew J. Song Group Art Unit: 1765
Docket No.: M-11953 US Confirmation No. 2914

Irvine, California
November 22, 2004

Facsimile: 703-872-9306
Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandra, VA 22313-1450

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following Response to Office Action and Transmittal (total 15 pages)
are being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Dated: November 22, 2004


Tom Chen, Reg. No. 42,406

Total No. of Pages: 15 (including this page)

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Serial No. 10/232,445

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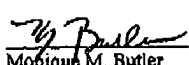
Re: Applicant(s): Thomas R. Omstead; Karl B. Levy
Assignee: Novellus Systems, Inc.
Title: Atomic Layer Deposition Systems And Methods
Serial No.: 10/028,610 Filed: December 19, 2001
Examiner: Matthew J. Song Group Art Unit: 1765
Docket No.: M-11953 US Confirmation No. 2914

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) Certificate of Facsimile;
- (2) This Transmittal Letter; and
- (3) Response to Office Action (13 pages).

No fees are believed due. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2257.

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 Monique M. Butler	<u>November 22, 2004</u> Date of Signature

Respectfully submitted,



Tom Chen
Attorney for Applicant(s)
Reg. No. 42,406

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P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Dear Sir:

In response to the Office Action dated August 23, 2004, please amend the above-identified application as follows.

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